

Substitute for form 1449A&B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/526,256	
			Filing Date	May 5, 2006	
			First Named Inventor	Abreu, Maria	
			Art Unit	1634	
			Examiner Name	Jeanine Anne Goldberg	
Sheet	1	of	4	Attorney Docket Number	025663-001310US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	1.	US-2004/0053263-A1	03-18-2004	Abreu et al.	
	2.	US-5,691,151-A	11-25-1997	Braun et al.	
	3.	US-5,750,355-A	05-12-1998	Targan et al.	
	4.	US-5,830,875-A	11-03-1998	Targan et al.	
	5.	US-5,874,233-A	02-23-1999	Targan et al.	
	6.	US-5,918,748-A	06-29-1999	Targan et al.	
	7.	US-5,937,862-A	08-17-1999	Targan et al.	
	8.	US-5,968,741-A	10-19-1999	Plevy et al.	
	9.	US-6,074,835-A	06-13-2000	Braun et al.	
	10.	US-7,138,237-B1	11-21-2006	Targan et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
								<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	11.	AKOLKAR et al., "The IBD1 Locus for Susceptibility to Crohn's Disease Has a Greater Impact in Ashkenazi Jews with Early Onset Disease," <u>Am. J. Gastroenterol.</u> 96:1127-1132 (2001).			<input type="checkbox"/>
	12.	ANNESE et al., "Genetic analysis in Italian families with inflammatory bowel disease supports linkage to the IBD1 locus -- a GSIC study," <u>Eur. J. Hum. Genet.</u> 7:567-573 (1999).			<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A&B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/526,256
		Filing Date	May 5, 2006
		First Named Inventor	Abreu, Maria
		Art Unit	1634
		Examiner Name	Jeanine Anne Goldberg
		Attorney Docket Number	025663-001310US
Sheet	2	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	13.	BRANT et al., "American Families with Crohn's Disease Have Strong Evidence for Linkage to Chromosome 16 but Not Chromosome 12," <u>Gastroenterology</u> 115:1056-1061 (1998).	<input type="checkbox"/>
	14.	CAVANAUGH et al., "Analysis of Australian Crohn's disease pedigrees refines the localization for susceptibility to inflammatory bowel disease on chromosome 16," <u>Ann. Hum. Genet.</u> 62:291-298 (1998).	<input type="checkbox"/>
	15.	CHO et al., "Confirmation of a Susceptibility Locus for Crohn's Disease on Chromosome 16," <u>Inflamm. Bowel Dis.</u> 3:186-190 (1997).	<input type="checkbox"/>
	16.	CURRAN et al., "Genetic Analysis of Inflammatory Bowel Disease in a Large European Cohort Supports Linkage to Chromosomes 12 and 16," <u>Gastroenterology</u> 115:1066-1071 (1998).	<input type="checkbox"/>
	17.	GASCHE et al., "A Simple Classification of Crohn's Disease: Report of the Working Party for the World Congresses of Gastroenterology, Vienna 1998," <u>Inflammatory Bowel Disease</u> 6:8-15 (2000).	<input type="checkbox"/>
	18.	GREENSTEIN et al., "Perforating and non-perforating indications for repeated operations in Crohn's disease: evidence for two clinical forms," <u>Gut</u> 29:588-592 (1988).	<input type="checkbox"/>
	19.	HAMPE et al., "A Genomewide Analysis Provides Evidence for Novel Linkages in Inflammatory Disease in a Large European Cohort," <u>Am. J. Hum. Genet.</u> 64:808-816 (1999).	<input type="checkbox"/>
	20.	HAMPE et al., "Association between insertion mutation in NOD2 gene and Crohn's disease in German and British populations," <u>Lancet</u> 357:1925-1928 (2001).	<input type="checkbox"/>
	21.	HUGOT et al., "Mapping of a susceptibility locus for Crohn's Disease on chromosome 16," <u>Nature</u> 379:821-823 (1996).	<input type="checkbox"/>
	22.	HUGOT et al., "Association of NOD2 leucine-rich repeat variants with susceptibility to Crohn's disease," <u>Nature</u> 411:599-603 (2001).	<input type="checkbox"/>
	23.	INOHARA et al., "Human Nod1 Confers Responsiveness to Bacterial Lipopolysaccharides," <u>J. Biol. Chem.</u> 276:2551-2554 (2001).	<input type="checkbox"/>
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A&B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/526,256
		Filing Date	May 5, 2006
		First Named Inventor	Abreu, Maria
		Art Unit	1634
		Examiner Name	Jeanine Anne Goldberg
		Attorney Docket Number	025663-001310US
Sheet	3	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	24.	KUTYAVIN et al., "Oligonucleotides with conjugated dihydropyrimidinole tripeptides: base composition and backbone effects on hybridization," <u>Nucleic Acid Res.</u> 25:3718-3723 (1997).	<input type="checkbox"/>
	25.	KUTYAVIN et al., "3' -Minor groove binder-DNA probes increase sequence specificity at PCR extension temperatures," <u>Nuc. Acids Research</u> 28:655-661 (2000).	<input type="checkbox"/>
	26.	LESAGE et al., "CARD15/NOD2 Mutational Analysis and Genotype-Phenotype Correlation in 612 Patients with Inflammatory Bowel Disease," <u>Am. J. Hum. Genet.</u> 70:845-857 (2002).	<input type="checkbox"/>
	27.	LIVAK, "Allelic discrimination using fluorogenic probes and the 5' nuclease assay," <u>Genetic Analysis</u> 14:143-149 (1999).	<input type="checkbox"/>
	28.	MURILLO et al., "CARD15 gene and the classification of Crohn's disease," <u>Immunogenetics</u> 54:59-61 (2002).	<input type="checkbox"/>
	29.	OGURA et al., "A frameshift mutation in NOD2 associated with susceptibility to Crohn's Disease," <u>Nature</u> 411:603-606 (2001).	<input type="checkbox"/>
	30.	OGURA et al., "Nod2, a Nod1/Apaf-1 Family Member That Is Restricted to Monocytes and Activates NF-kB," <u>J. Biol. Chem.</u> 276:4812-4818 (2001).	<input type="checkbox"/>
	31.	OHMEN et al., "Susceptibility locus for inflammatory bowel disease on chromosome 16 has a role in Crohn's disease but not in ulcerative colitis," <u>Hum. Mol. Genet.</u> 5:1679-1683 (1996).	<input type="checkbox"/>
	32.	PARKES et al., "Susceptibility loci in inflammatory bowel disease," <u>Lancet</u> 348:1588 (1996).	<input type="checkbox"/>
	33.	VASILIAUSKAS et al., "Perinuclear Antineutrophil Cytoplasmic Antibodies in Patients with Crohn's Disease Define a Clinical Subgroup," <u>Gastroenterology</u> 110:1810-1819 (1996).	<input type="checkbox"/>
	34.	VASILIAUSKAS et al., "Marker antibody expression stratifies Crohn's disease into immunologically homogenous subgroups with distinct clinical characteristics," <u>Gut</u> 47:487-496 (2000).	<input type="checkbox"/>
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A&B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/526,256
		Filing Date	May 5, 2006
		First Named Inventor	Abreu, Maria
		Art Unit	1634
		Examiner Name	Jeanine Anne Goldberg
		Attorney Docket Number	025663-001310US
Sheet	4	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	35.	VERMEIRE et al., "CARD15 Genetic Variation in a Quebec Population: Prevalence, Genotype-Phenotype Relationship, and Haplotype Structure," <u>Am. J. Hum. Genet.</u> 71:74-83 (2002).	<input type="checkbox"/>
	36.	GenBank Accession Number AC007728	<input type="checkbox"/>
	37.	GenBank Accession Number NM_022162	<input type="checkbox"/>
	38.	NCBI SNP ID Number rs2066844	<input type="checkbox"/>
	39.	NCBI SNP ID Number rs2066845	<input type="checkbox"/>
	40.	NCBI SNP ID Number rs2066847	<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.